

# Technical Information

## hebro<sup>®</sup>cut PS 6000

Non-water-miscible punching agent based on native ester

### Characteristic structure

| Native ester | Solvents | EP | Chlorine |
|--------------|----------|----|----------|
| X            | X        | X  | -        |

hebro<sup>®</sup>cut PS 6000 is a low viscosity punching agent.

### Properties

- Low viscosity
- Medium EP additivation
- Very high-pressure absorption capacity
- Tool lubrication to reduce wear

### Technical specifications (typical values)

#### Concentrate

| Appearance         | Density at 15 °C<br>(ASTM D 7042) | Viscosity at 40 °C<br>(ASTM D 7042) | Flashpoint<br>COC |
|--------------------|-----------------------------------|-------------------------------------|-------------------|
| liquid, colourless | 0.78 g/cm <sup>3</sup>            | 2 mm <sup>2</sup> /sec              | 64°C              |

### Material suitability:

Steel, stainless steel, aluminium, brass, galvanised sheets.

### Application:

Punching and forming work (e.g., bending, punching, pulling) of sheets up to 4 mm thick.  
Can be applied by spraying, dropping, rolling or immersion in the lowest coat thickness.

### Information

The minimum shelf life in the sealed original container is 24 months from the date of production.  
Store the product frost-free at 5-40°C.

The information provided in this data sheet is based on the properties and possible applications known to us. In general, however, no legal obligation can be derived from this data. We reserve the right to make changes to the product if these are necessary due to legislation or the lack of supply of raw materials.